

INTERNATIONAL SEARCH REPORT

International application No.

PCT/KR2005/003495

A. CLASSIFICATION OF SUBJECT MATTER***A61M 1/10(2006.01)i***

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 8 A61H 7/00, A61M 1/10, A61M 1/12, F04B 17/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKIPASS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	US 2002/0169399 A1 (Rastegar et al.) 14 Nov. 2002 see the claims 30-33	1 2-20
A	US 6123726 (Mori et al.) 26 Sep. 2000 see the whole document	1-20
A	US 5980448 (Heilman et al.) 9 Nov. 1999 see the whole document	1-20
A	US 2002/0102169 A1 (Wampler) 1 Aug. 2002 see the whole document	1-20

 Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

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"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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"&" document member of the same patent family

Date of the actual completion of the international search

11 JANUARY 2006 (11.01.2006)

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Name and mailing address of the ISA/KR

Korean Intellectual Property Office
920 Dunsan-dong, Seo-gu, Daejeon 302-701,
Republic of Korea

Facsimile No. 82-42-472-7140

Authorized officer

SHIN, Dong Hwan

Telephone No. 82-42-481-5893



INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/KR2005/003495

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US20020169399A1	14.11.2002	CA2446100A1 CN1527690A EP1392216A2 IL158767A0 JP16526538 JP2004526538T2 KR1020040007542 US06846294 US2005137446AA US6846294B8 W02002091912A3 ZA200308542A	21.11.2002 08.09.2004 03.03.2004 12.05.2004 02.09.2004 02.09.2004 24.01.2004 25.01.2005 23.06.2005 25.01.2005 10.04.2003 31.01.2005
US06123726A	26.09.2000	AU200065282A5 BR200013246A CA2380329A1 CN1367821 EP00928613A1 EP01228185A1 EP928613A4 JP10085322 MXPA02001521A US6770615B1 US6770615B8 W0200111003A1	05.03.2001 16.04.2002 15.02.2001 04.09.2002 14.07.1999 07.08.2002 17.01.2001 07.04.1998 02.07.2002 03.08.2004 03.08.2004 15.02.2001
US05980448A	09.11.1999	DE19903341A1 FR2773995A1 GB9927009A0 IT1305288B1 JP11285529 NL1011144C2 US6066085A	12.08.1999 30.07.1999 12.01.2000 04.05.2001 19.10.1999 17.04.2000 23.05.2000
US20020102169A1	01.08.2002	US06688861 US2004234397AA	10.02.2004 25.11.2004